**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 1 | US-20070034569-$. DID. | US-PGPUB; USPAT | ADJ | ON | 2008/06/29 18:00 |
| S2 | 3 | ("4767639" \| "4931186" \| "4935143").PN. | US-PGPUB; USPAT | ADJ | ON | 2008/06/29 18:02 |
| S3 | 30 | (210/636 OR 210/650 OR 210/321.69 OR 210/321.88).CCLS. AND (liquid backwash OR liquid backflush OR liquid back wash OR liquid back flush) | US-PGPUB; USPAT | ADJ | ON | 2008/06/30 09:42 |
| S4 | 1 | US-20020070157-$. DID. | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 19:48 |
| S5 | 1 | "5607593".PN. | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 19:50 |
| S6 | 1 | "6325938".PN. | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 19:56 |
| S7 | 24 | Johnson-Warren-Thomas.IN. | US-PGPUB; USPAT | ADJ | ON | 2008/08/15 19:54 |
| S8 | 34 | ("3838776" \| "3912624" \| "3992301" \| "4125462" \| "4214020" \| "4220535" \| "4414113" \| "4545940" \| "4767539").PN. OR ("4931186").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/15 20:05 |
| S9 | 29 | ("4552669" \| "4579662" \| "4767539" \| "4816160").PN. OR ("4935143").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/15 20:17 |
| S10 | 551 | (210/636).CCLS. | US-PGPUB; USPAT | ADJ | ON | 2008/08/15 20:27 |

| S11 | 0 | (microfiltration or ultrafiltration) SAME (backflush or backwash) SAME (gas or air) SAME (detergent or surfactant) | US-PGPUB; USPAT | ADJ | ON | 2008/08/15 20:44 |
|-----|---|---|---|---|---|---|
| S12 | 28 | (microfiltration or ultrafiltration) SAME (backflush or backwash) SAME (gas or air) | US-PGPUB; USPAT | ADJ | ON | 2008/08/15 20:44 |
| S13 | 8 | (microfiltration or ultrafiltration) SAME (back flush OR back wash) SAME (gas or air) | US-PGPUB; USPAT | ADJ | ON | 2008/08/15 20:54 |
| S14 | 1 | "3912624".PN. | US-PGPUB; USPAT | ADJ | ON | 2008/08/16 10:46 |
| S15 | 23 | ("2570132" \| "2710099" \| "3782556" \| "3786924" \| "3794169").PN. OR ("3912624").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/16 10:46 |
| S16 | 64 | (210/636).CCLS. AND ((backwash OR back wash OR backflush OR back flush OR backpulse or back pulse) NEAR5 (gas OR air)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/16 17:08 |
| S17 | 71 | ((backwash OR back wash OR backflush OR back flush OR backpulse or back pulse) NEAR5 (gas OR air) SAME (membrane OR ultrafiltration OR microfiltration)).TI,AB. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2008/08/16 22:27 |
| S18 | 771 | ((backwash OR back wash OR backflush OR back flush OR backpulse or back pulse) NEAR5 (gas OR air)).TI,AB. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2008/08/16 22:50 |
| S19 | 37 | (((membrane) WITH (chemical cleaning)) AND (gas OR air)).TI, AB. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2008/08/16 23:33 |

| S20 | 592 | (210/636).CCLS. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/03/17 22:32 |
| S21 | 621 | (210/636).CCLS. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/08/11 17:11 |

**EAST Search History (Interference)**

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**8/11/2009 5:20:27 PM**
**C:\ Documents and Settings\ danderson\ My Documents\ EAST\ Workspaces\ 10-572,971. wsp**